



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 3

Test Date: March 2008  
Code: 11711423  
SAU: Wayne School Department  
School: Wayne Elementary School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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# SUMMARY OF SCORES

Test Date: March 2008

Grade: 3

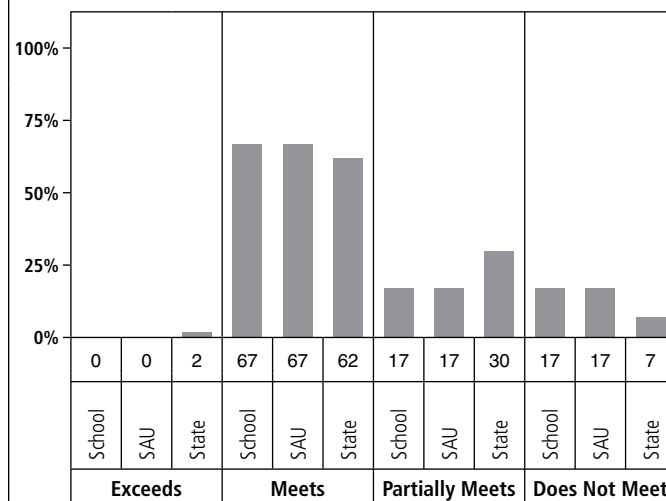
SAU: Wayne School Department

School: Wayne Elementary School

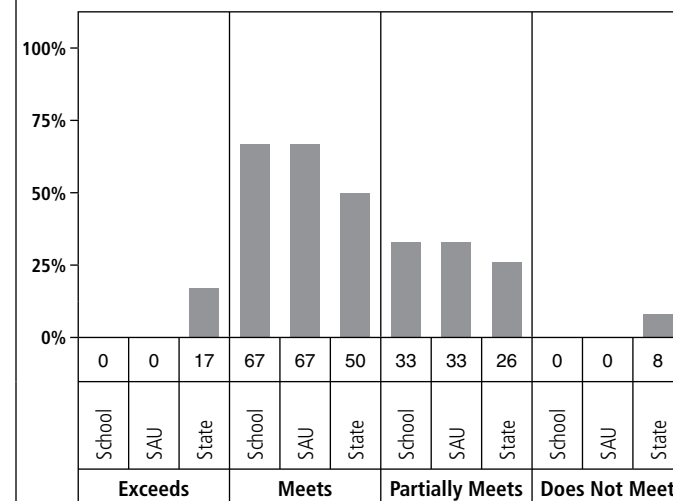
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2005–2006			345
2006–2007	345	345	345
<b>2007–2008</b>	<b>343</b>	<b>343</b>	<b>344</b>
Cum. Avg. *			345
<b>Mathematics</b>			
2005–2006			344
2006–2007	348	348	347
<b>2007–2008</b>	<b>345</b>	<b>345</b>	<b>347</b>
Cum. Avg. *			346

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008  
 Grade: 3  
 SAU: Wayne School Department  
 School: Wayne Elementary School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	6	100	6	100	13803	100	6	100	6	100	13714	99	6	100	6	100	13710	99						
<b>Ethnicity</b> African American/Black	0	0	0	0	399	3	0	0	0	0	391	98	0	0	0	0	392	98						
American Indian or Native Alaskan	0	0	0	0	116	1	0	0	0	0	114	99	0	0	0	0	114	99						
Asian or Pacific Islander	0	0	0	0	210	2	0	0	0	0	205	98	0	0	0	0	206	98						
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98						
Caucasian/White	6	100	6	100	12916	94	6	100	6	100	12846	100	6	100	6	100	12839	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	2	33	2	33	2358	17	2	100	2	100	2333	99	2	100	2	100	2329	99						
<b>Current LEP</b>	0	0	0	0	371	3	0	0	0	0	357	96	0	0	0	0	361	98						
<b>Economically disadvantaged</b>	3	50	3	50	5584	40	3	100	3	100	5535	99	3	100	3	100	5530	99						
<b>Migrant</b>	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	5	83	5	83	10650	77	5	83	5	83	10678	77						
Identified disability (PET/IEP)	1	20	1	20	475	4	1	20	1	20	479	4						
LEP	0	0	0	0	151	1	0	0	0	0	149	1						
504 plan	0	0	0	0	83	1	0	0	0	0	85	1						
<b>Participation with accommodations</b>	1	17	1	17	2936	21	1	17	1	17	2911	21						
Identified disability (PET/IEP)	1	100	1	100	1735	59	1	100	1	100	1729	59						
LEP	0	0	0	0	197	7	0	0	0	0	208	7						
504 plan	0	0	0	0	49	2	0	0	0	0	47	2						
Other	0	0	0	0	986	34	0	0	0	0	958	33						
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	123	1	0	0	0	0	121	1						
Identified disability (PET/IEP)	0	0	0	0	123	100	0	0	0	0	121	100						
LEP	0	0	0	0	4	3	0	0	0	0	4	3						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	5	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	9	0	0	0	0	0	12	0						
<b>Non-participation – other</b>	0	0	0	0	80	1	0	0	0	0	81	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2008  
Grade: 3  
SAU: Wayne School Department  
School: Wayne Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006					352	3
	2006-2007	0	0	0	0	332	2
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>227</b>	<b>2</b>
	Cum. Total*					911	2
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006					8641	62
	2006-2007	15	65	15	65	8691	63
	<b>2007-2008</b>	<b>4</b>	<b>67</b>	<b>4</b>	<b>67</b>	<b>8403</b>	<b>62</b>
	Cum. Total*					25735	62
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006					3671	27
	2006-2007	6	26	6	26	3781	27
	<b>2007-2008</b>	<b>1</b>	<b>17</b>	<b>1</b>	<b>17</b>	<b>4018</b>	<b>30</b>
	Cum. Total*					11470	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006					1163	8
	2006-2007	2	9	2	9	1021	7
	<b>2007-2008</b>	<b>1</b>	<b>17</b>	<b>1</b>	<b>17</b>	<b>938</b>	<b>7</b>
	Cum. Total*					3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>46</b>	<b>100</b>	26.3	57.2	26.3	57.2	27.6	60.0
<b>Literary Text</b>	<b>23</b>	<b>50</b>	13.5	58.7	13.5	58.7	14.1	61.3
<b>Informational Text</b>	<b>23</b>	<b>50</b>	12.8	55.7	12.8	55.7	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 3  
 SAU: Wayne School Department  
 School: Wayne Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	13586	2	62	30	7	344
<b>Ethnicity</b>																						
African American/Black	0										0						384	1	42	39	18	339
American Indian or Native Alaskan	0										0						113	2	50	42	5	343
Asian or Pacific Islander	0										0						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	12728	2	63	29	7	345
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2210	0	32	48	20	338
No	4										4						11376	2	68	26	4	346
<b>Current LEP</b>																						
Yes	0										0						348	1	36	45	19	339
No	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	13238	2	63	29	7	344
<b>Economically disadvantaged</b>																						
Yes	3										3						5450	1	49	39	11	341
No	3										3						8136	2	71	23	4	346
<b>Migrant</b>																						
Yes	0										0						5	0	80	20	0	343
No	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	13581	2	62	30	7	344
<b>Gender</b>																						
Female	2										2						6567	3	65	27	5	345
Male	4										4						7019	1	59	32	8	343
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						2004	0	37	49	14	339
No	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	11582	2	66	26	6	345
<b>Gifted/talented program</b>																						
Yes	0										0						125	11	87	2	0	355
No	6	0	0	4	67	1	17	1	17	343	6	0	67	17	17	343	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA–READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 3

SAU: Wayne School Department

School: Wayne Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						6	0	43	39	18	340
B. less than one hour	80	0	0	4	100	0	0	0	0	348	80	0	100	0	0	348	79	2	65	28	5	345
C. one to two hours	20	0	0	0	0	1	100	0	0	340	20	0	0	100	0	340	12	2	60	31	7	344
D. more than two hours	0										0						3	0	32	44	24	338
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	40	0	0	2	100	0	0	0	0	345	40	0	100	0	0	345	29	3	62	28	7	345
B. They match some of what I have learned.	60	0	0	2	67	1	33	0	0	347	60	0	67	33	0	347	48	2	67	27	4	345
C. They match just a little of what I have learned.	0										0						15	1	56	34	9	343
D. There is no match.	0										0						8	0	44	40	16	340
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	0										0						42	3	67	24	6	346
B. good	100	0	0	4	80	1	20	0	0	346	100	0	80	20	0	346	46	1	62	32	5	344
C. fair	0										0						10	0	48	42	10	341
D. poor	0										0						2	0	30	43	28	336
<b>How hard was the reading part of this test?</b>																						
A. harder than my regular schoolwork	0										0						22	1	48	38	12	341
B. about the same as my regular schoolwork	100	0	0	4	80	1	20	0	0	346	100	0	80	20	0	346	57	2	68	26	4	346
C. easier than my regular schoolwork	0										0						21	1	61	30	8	344
<b>How hard were the reading passages on this test?</b>																						
A. Most of the passages were harder than what I normally read.	20	0	0	1	100	0	0	0	0	342	20	0	100	0	0	342	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	80	0	0	3	75	1	25	0	0	348	80	0	75	25	0	348	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	0										0						29	3	69	23	6	346
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	0										0						19	3	65	27	6	346
B. 20 minutes to an hour	20	0	0	1	100	0	0	0	0	348	20	0	100	0	0	348	47	2	68	25	5	346
C. less than 20 minutes	80	0	0	3	75	1	25	0	0	346	80	0	75	25	0	346	19	1	56	35	8	343
D. I rarely read at home.	0										0						14	0	47	40	12	341
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	60	0	0	2	67	1	33	0	0	343	60	0	67	33	0	343	28	1	56	33	9	343
B. six to ten pages	20	0	0	1	100	0	0	0	0	344	20	0	100	0	0	344	23	1	63	29	7	344
C. eleven or more pages	20	0	0	1	100	0	0	0	0	358	20	0	100	0	0	358	49	2	65	27	6	345
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

# MATHEMATICS RESULTS

Test Date: March 2008  
Grade: 3  
SAU: Wayne School Department  
School: Wayne Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in mathematics.</b>  <b>Exceeds the Standards</b> – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)  <b>Meets the Standards</b> – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 341–360)  <b>Partially Meets the Standards</b> – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)  <b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	3	13	3	13	1295	9
	2006-2007	0	0	0	0	1985	14
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2277</b>	<b>17</b>
	Cum. Total*					5557	13
		14	61	14	61	6852	49
	2006-2007	4	67	4	67	6990	51
	<b>2007-2008</b>	<b>4</b>	<b>67</b>	<b>4</b>	<b>67</b>	<b>6764</b>	<b>50</b>
	Cum. Total*					20606	50
	2005-2006	4	17	4	17	4081	29
	2006-2007	2	33	2	33	3673	27
	<b>2007-2008</b>	<b>2</b>	<b>33</b>	<b>2</b>	<b>33</b>	<b>3504</b>	<b>26</b>
	Cum. Total*					11258	27
	2005-2006	2	9	2	9	1638	12
	2006-2007	0	0	0	0	1193	9
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1044</b>	<b>8</b>
	Cum. Total*					3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	9.5	63.3	9.5	63.3	9.2	61.3
Cluster 2: Shape and Size	14	29	10.7	76.4	10.7	76.4	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	2.5	50.0	2.5	50.0	3.2	64.0
Cluster 4: Patterns	14	29	7.7	55.0	7.7	55.0	9.0	64.3

- Cluster 1: Numbers and Operations**  
A. Numbers and Number Sense  
B. Computation  
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**  
E. Geometry  
F. Measurement
- Cluster 3: Mathematical Decision Making**  
C. Data Analysis and Statistics  
D. Probability
- Cluster 4: Patterns**  
G. Patterns, Relations, and Functions  
H. Algebra Concepts  
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 3  
 SAU: Wayne School Department  
 School: Wayne Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	13589	17	50	26	8	347
<b>Ethnicity</b>																						
African American/Black	0										0						390	10	30	32	28	337
American Indian or Native Alaskan	0										0						113	7	45	38	10	342
Asian or Pacific Islander	0										0						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	12723	17	50	25	7	348
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2208	6	35	37	21	338
No	4										4						11381	19	53	24	5	349
<b>Current LEP</b>																						
Yes	0										0						357	8	29	37	26	336
No	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	13232	17	50	25	7	348
<b>Economically disadvantaged</b>																						
Yes	3										3						5452	9	45	33	12	343
No	3										3						8137	22	53	21	4	350
<b>Migrant</b>																						
Yes	0										0						5	0	40	40	20	337
No	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	13584	17	50	26	8	347
<b>Gender</b>																						
Female	2										2						6565	15	49	27	8	347
Male	4										4						7024	18	50	24	7	348
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						2004	5	39	41	15	339
No	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	11585	19	52	23	6	349
<b>Gifted/talented program</b>																						
Yes	0										0						125	70	30	0	0	366
No	6	0	0	4	67	2	33	0	0	345	6	0	67	33	0	345	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 3

SAU: Wayne School Department

School: Wayne Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						6	9	40	33	18	340
B. less than one hour	80	0	0	3	75	1	25	0	0	349	80	0	75	25	0	349	79	18	52	24	6	348
C. one to two hours	20	0	0	1	100	0	0	0	0	342	20	0	100	0	0	342	12	16	48	27	8	347
D. more than two hours	0										0						3	7	26	37	29	335
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	20	0	0	1	100	0	0	0	0	354	20	0	100	0	0	354	37	22	50	22	6	350
B. They match some of what I have learned.	80	0	0	3	75	1	25	0	0	346	80	0	75	25	0	346	46	16	53	25	6	348
C. They match just a little of what I have learned.	0										0						12	9	44	36	11	342
D. There is no match.	0										0						5	5	32	36	27	336
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	80	0	0	3	75	1	25	0	0	348	80	0	75	25	0	348	39	25	48	20	7	350
B. good	20	0	0	1	100	0	0	0	0	348	20	0	100	0	0	348	46	14	52	27	7	347
C. fair	0										0						12	8	49	35	9	343
D. poor	0										0						3	2	34	36	29	335
<b>How hard was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	0										0						17	7	41	35	17	340
B. about the same as my regular schoolwork	100	0	0	4	80	1	20	0	0	348	100	0	80	20	0	348	59	18	53	24	5	349
C. easier than my regular schoolwork	0										0						25	21	49	23	8	349
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	40	0	0	1	50	1	50	0	0	338	40	0	50	50	0	338	32	13	47	30	10	345
B. two or three days a week	60	0	0	3	100	0	0	0	0	354	60	0	100	0	0	354	30	20	52	23	5	349
C. two or three times each month	0										0						19	20	53	21	6	350
D. never or almost never	0										0						18	16	50	27	8	347
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										0						7	5	34	40	20	338
B. two or three days a week	40	0	0	2	100	0	0	0	0	345	40	0	100	0	0	345	18	15	50	27	8	346
C. two or three times each month	40	0	0	1	50	1	50	0	0	347	40	0	50	50	0	347	28	21	53	21	4	350
D. never or almost never	20	0	0	1	100	0	0	0	0	354	20	0	100	0	0	354	47	17	50	25	7	347
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										0						16	8	42	36	13	342
B. 30–45 minutes	100	0	0	4	80	1	20	0	0	348	100	0	80	20	0	348	30	14	53	26	7	347
C. 45–60 minutes	0										0						32	22	51	22	5	350
D. more than 60 minutes	0										0						22	20	49	23	7	349
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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